

CONST. JT.

4-#8- BARS SECTION B-B

¥8-D2

GENERAL NOTES:

ALL DIMENSIONS SHOWN ARE IN INCH UNLESS OTHERWISE NOTED.

F BARS

FOR DIMENSIONS AND SIZE AND SPACING OF REINFORCING STEEL, SEE STANDARD SHEET 703.15.

LAP ALL LONGITUDINAL BARS A MINIMUM OF 23" AT SPLICES.

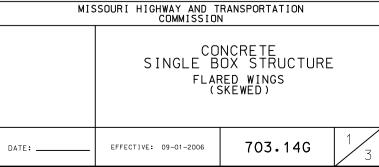
MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE $1-1/2\,^{\prime\prime}$ UNLESS OTHERWISE SHOWN.

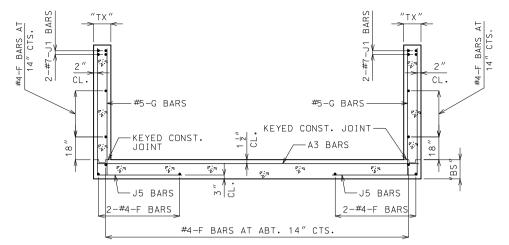
PREFORMED FIBER EXPANSION JOINT MATERIAL SHALL BE SECURELY STITCHED TO ONE FACE OF THE CONCRETE WITH NO. 10 GAGE COPPER WIRE OR NO. 12 GAGE SOFT DRAWN GALVANIZED STEEL WIRE.

BEVELED HEADWALL TO BE LOCATED AT UPSTREAM END.

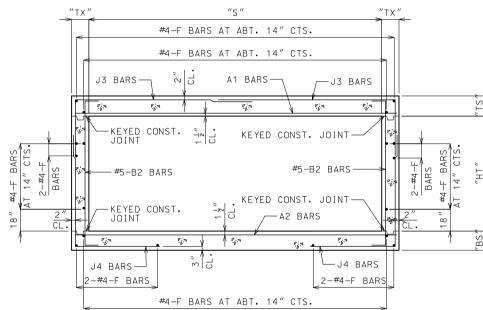
A FILTER CLOTH 3 FEET IN WIDTH AND DOUBLE THICKNESS SHALL BE APPLIED TO ALL TRANSVERSE JOINTS IN THE TOP SLAB AND SIDEWALLS. THE MATERIAL SHALL BE CENTERED ON THE JOINT AND THE EDGES SEALED WITH A MASTIC OR WITH TWO SIDED TAPE. THE FILTER CLOTH SHALL BE A GEOTEXTILE MEETING SEC 1011 FOR SUBSURFACE DRAINAGE. COST OF FURNISHING AND INSTALLING THE FILTER CLOTH WILL BE CONSIDERED COMED FOR A THE FILTER CLOTH WILL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR OTHER ITEMS.

FOR MORE DETAILS AND SECTION THROUGH BOX, SEE 703.14 SHEET 2 OF 3.

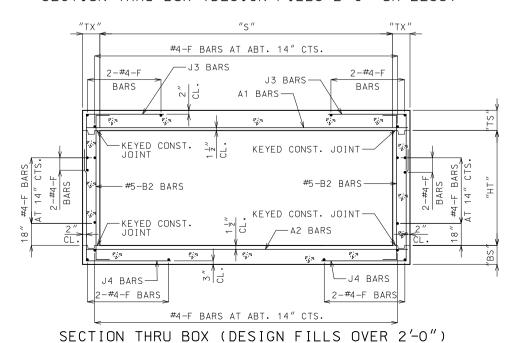




SECTION THRU WINGS (UPSTREAM SHOWN)



SECTION THRU BOX (DESIGN FILLS 2'-0" OR LESS)



3'-0" (BEND IN FIELD) J3 BAR\$ AT FILL FACE F BARS CONST. JT. 2-#7-J1 BARS--#4-F BARS (FILL FACE) -KEYED CONST. JOINT #4-F BARS AT 14" CTS. (STREAM FACE V-F BARS /ARIES (12" MAX.) #5-G BARS (SPACED SAME #5-B2 BARS 2-#5-E BARS-AS B2 BARS)(STREAM FACE (STREAM FACE) J5 BARS AT FILL FACE ① J4 BARS AT FILL FACE J4 BAR SPACE A2 BARS A3 BARS SPACE ELEVATION OF WING

(UPSTREAM SHOWN)

NOTE: CONSTRUCTION JOINT KEY OMITTED FOR CLARITY.

GENERAL NOTES:

ALL DIMENSIONS SHOWN ARE IN INCH UNLESS OTHERWISE NOTED.

J1 BARS MAY BE BENT IN FIELD OR SHOP.

MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE $1-1/2\,^{\prime\prime}$ UNLESS OTHERWISE SHOWN.

FOR DIMENSIONS AND SIZE AND SPACING OF REINFORCING STEEL, SEE STANDARD SHEET 703.15.

 $\ensuremath{\textcircled{\sc 1}}$ for details of reinforcement in Wings, see standard sheet 703.37.

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION			
	CONCRETE SINGLE BOX STRUCTURE FLARED WINGS (SKEWED)		
DATE:	EFFECTIVE: 09-01-2006	703.14G	2 3

